ter in replacement of the existing lew power TV transmitter at Anupgarh (Rajasthan), subject to the availabi. Hty o: adequate resources and inter-

.;e priorities.

Itesearch and Development by Companies engaged in Pharmaceu'lcal Indistry

*600. SHRI SANTOSH KUMAR SAHU:
SHRI AJIT P. K. JOGI:

Will the PRIME MINISTER be pleased to state:

(a) what are the companies engaged its R and D due to Government's the pharmaceutical industry in India;

(b) whether any company has closed its R&D dut to Government's apathy for giving necessary returns for the expenditure incurred on Resrarch and Development;

(c) what is the present policy of Government for Research and Development in pharmaceutical industry;

(d) what incentives are given in the price mechanism for companies undertaking such research; and

(e) what steps Government have taken to ensure adequate return of expenditure on research and development?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI CHINTA MOHAN): (a) The names of the companies having inhouse R&D units, as recognized by the Department of Scientific and Industrial Research (DSIR), on the basis of available information are given in the statement attached (See bellow)

The Government is not aware of any R&D unit of a Pharmaceutical company having closed down on this ground. However, a few years ago, M/s. Hindus-tan Ciba Geigy disooa tinued their basic research activity in new drug discovery.

(c) The objectives of the Drug Po licy 1986 inter-alia, include, encoura ging cost-effective production of drugs with economic sizes, introducing new technologies and new drugs, and strengthening the indigenous capabi lities of production of drugs. The po licy on basic R&D in the Pharma ceutical Sector is guided by these objectives.

(d) end (e) In order ot ensure adequate re return on the Expenditure incurred on R & D, the following provisions exist:—

(i) Expenditure incurred on R&D i; taken into account, while determining the cost of production of bulk dr 'gs under price control.

(ii) A company is allowed to retain 50 per cent of the reduction in price of a bulk drug achieved through R&D efforts.

(iii) If a company develops a process for a bulk drug through its own R&D efforts Or through National Laboratories, from basic stage, and which is significantly different from existing processes end results in cost-effective production, exemption from price control is available for a period not exceeding 5 years from the date of commercial production.

(iv) Higher profitability ceiling for units engaged in approved research and development work relating to new drugs.

(v) As in the case of R, & D work in other Sectors of Industry, tBe* Pharmaceutical Sector also enjoys incentives and support measures, such as Income Tax relief, Accele rated Depreciation allowance, Im port facility ete.

Statement

List of DSIR Recognised in-House R and LT Units in the Pharmaceutical Sector

Sl. No.	Name of the Firm
1.	Acharya Chemicals
2.	Alembic Chemicals Works Company
3.	Alkem Laboratories Ltd.
4.	Alpha Drugs
5.	Alved Biologicals Pvt. Ltd.
6.	Ambalal Sarabhai Enterprises
7.	Amrican Remedies Ltd.
8.	Amrutanjan Limited
9.	Anglo French Drug Company
10.	Armour Chemicals Limited
11.	Asian Chemicals Works
12.	Associated Laboratories Pvt. Ltd.
13.	Astra IDL Ltd.
14.	Atul Products Ltd.
15.	BDH Pharmaceuticals Ltd.
16.	Bengal Immunity Ltd.
17.	Biocon India Private Ltd.
18.	Biogenics India
19.	Biological E. Ltd.
20.	Boehringer-Knoll Ltd.
21.	Boots Company Ltd.
22.	BTX Chemicals Pvt. Ltd.
23.	Burroughs Wellcome (India) Ltd.
24.	Cadila Laboratories Ltd.
25.	Cheminor Drugs Ltd.
26.	Cibatul Ltd.
27.	Cipla Ltd.
28.	Ciwrgia Biochemicals Ltd.

Sl. No.	Name of the Firm
29.	Concept Pharmaceuticals Ltd.
30.	Cynamid India Ltd.
31.	Dental Products of India Ltd.
32.	Dey's Medicals Stores (Mfg.)
33.	Divi's Research Centre
34.	Dr. Reddy's Laboratories Ltd.
35.	Duphar Interfran Ltd.
36.	Earnest Healthcare Ltd.
37.	East India Pharmaceutical
38.	Elder Pharmaceuticals Ltd.
39.	Enzo-Chem Laboratories Pvt. Ltd.
40.	Eskayef Ltd.
41.	E. Merck (India) Ltd.
42.	FDC Ltd.
43.	France-Indian Pharmaceuticals
44.	Glaxo India Ltd.
45.	Globe Organics Ltd.
46.	Gufic Ltd.
47.	Haffkine Bio-Pharmaceutical
48.	Hindustan Antibiotics Ltd.
49.	Hindustan Ciba-Geigy Ltd.
50.	Hiremath Chemicals Ltd.
51.	Hi-Media Laboratories Pvt. Ltd.
52.	Hoechst India Ltd.
53.	Indian Drugs & Pharmaceuticals Limited.
54.	Indian Herbs Research
55.	Indo-Pharma Pharmaceuticals
56.	Infar (India) Ltd.
57.	IPCA Laboratories Pvt. Ltd.
58.	Jagson Pal Pharmaceuticals Ltd.
59.	Jayant Vitamins Ltd.
60.	Johnson & Johnson Ltd.
61.	J. Mitra & Bros. Pvt. Ltd.

Sl. No.	Name of the Firm
62.	Kanpha Labs.
63.	Kerala State Drugs
64.	Khandelwal Laboratories
65.	Kody Medical Electronics Ltd.
66.	Kopran Ltd.
67.	Kores (India) Ltd.
68.	Lakme Ltd.
69.	Lanz Lab.
70.	Li Taka Pharmaceuticals Ltd.
71.	Lupin Laboratories Ltd.
72.	Lyka Labs Private Limited.
73.	Maharishi Ayurveda Products
74.	Malladi Drugs & Pharmaceuticals
75.	Max India Ltd.
76.	Medley Laboratories Pvt. Ltd.
77.	Mehta Pharmaceuticals Pvt. Ltd.
78.	Meridian Pharmaceuticals
79.	Merind Ltd.
80.	Metroni Drugs Pvt. Ltd.
81.	Miles India Ltd.
82.	M.J. Institute of Research
83.	Nandi Chemicals Pvt. Ltd.
84.	Natco Fine Pharmaceuticals.
85.	National Avian Health Labs
86.	Neuland Laboratories Ltd.
87.	Nitson Laboratories
88.	Nivedita Chemicals Pvt. Ltd.
89.	NR Jet Enterprises Ltd.
90.	Oriental Chemicals Works (P) Ltd
91.	Parke-Davis (India) Ltd.
92.	Prnsem Drugs & Pharmaceuticals.

Sl. No.	Name of the firm
93.	Pfimex International Ltd.
94.	Pfizer Ltd.
95.	Planned Pharma Pvt. Ltd.
96.	Polypharma Pvt. Ltd.
97.	Procter & Gamble India Ltd.
98.	Rallis India Ltd.
99.	Ranbaxy Laboratories Ltd.
100.	Raptakos Brett & Co. Ltd.
101.	RCA Pharma Ltd.
102.	Reckitt & Colman of India Ltd.
103.	Rhone-Poulenc (India) Ltd.
104.	Roche Products Ltd.
105.	Roussel India Ltd.
106.	SAF Yeast Company Ltd.
107.	Sandoz (India) Ltd.
108.	Sarabhai M. Chemicals Research
109.	Searle (India) Ltd.
110.	Sekhsaria Chemicals Pvt. Ltd.
111.	Shasun Chemicals (Madras) Ltd.
112.	Shree Dhootapapeshwar Ltd.
113.	Shrishma Fine Chemicals & Ph. Ltd.
114.	Siris Ltd.
115.	Smith Strainstreet
116.	SOL Pharmaceuticals Ltd.
117.	South India Research Institute
118.	Standard Organics Ltd.
119.	Standard Pharmaceuticals Ltd.
120.	Standard Research Centre.
121.	Stangen Immuno Diagnostics
122.	Stellar Chemical Labs. Pvt. Ltd.
123.	Sun Pharmaceuticals Industries.
124.	Synbiotics Ltd.
125.	S.D. Fine Chem. Pvt. Ltd.

Sl. No.	Name of the firm
126.	Tablets (India) Ltd.
127.	Tamil Nadu Dadha Pharmaceuticals.
128.	Themis Chemicals Ltd.
129.	T.T.K. Pharma Pvt. Ltd.
130.	Unichem Laboratories Ltd.
131.	Unique Chemicals (Div. of J.B.)
132.	Unique Pharmaceuticals.
133.	Uni-Sankyo Ltd.
134.	U.S. Vitamin (India) Ltd.
135.	Wallace Pharmaceuticals Ltd.
136.	Wander Ltd.
137.	Wockhardt Ltd.
138.	Wyeth Laboratories Ltd.
139.	Zandu Pharmaceuticals Ltd.

Discussion with Russian Government on Kudankulam Nuclear Power Project

4573. SHRI S. MADHAVAN; Will the PRIME MINISTER be pleased to state;

(a) whether Government have recently discussed with the Russian Government on the future prospect of Kudankulam Nuclear Power Project; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS' (SHRI P. R, KUMARAMANG-ALAM): (a) and (b) Yes, Sir. Preliminary d Bcussions have been initiated with the Russian Federation. Through these discussions, responsibilities for supply of equipment, credit etc. will have to be reaffirmed.

Establishing Bihar Atomic Authority

4574. SHRI S. S. AHLUWALIA: Will the PRIME MINISTER be pleased to state:

(a) whether Government have studied the viability of establishing Bihar Atomic Authority in Bihar for generating electricity in the State;

(b) if so, what are the results thereof;

(c) whether Government propose to establish such an authority in tne State in view of the Study on the availability of uranium in the State; and

(d) if so by when Government pro pose to establish Atomic Authority in Bihar?